Index

VOLUME 43, 1987

Authors

Abrams, Herbert L., "Human Instability and Nuclear Weapons," Jan.-Feb., 34–39

Ackland, Len, "Credibility Gulf," July-Aug., 2; review of Halperin, *Nuclear Fallacy,* July-Aug., 54–55

Adams, Gordon, "Reagan's 1988 Military Budget," March, 50–52; review of Connell, *The New Maginot Line,* Halloran, *To Arm a Nation,* and Stubbing and Mendel, *The Defense Game,* June, 48–51

Albrecht, Ulrich, "Revive the Reykjavik Dynamism," March, 40–41

Albright, David H., "Pakistan's Bomb-Making Capacity," June, 30–33

Alvarez, Robert, review of Hacker, *The Dragon's Tail,* Dec., 46–48.

Arkin, William, "General Nutting and the Invaders," Jan.-Feb., 6–7; "Greece's Balancing Act," March, 11–12; "Happy Birthday, Flexible Response," Dec., 5–6; "Long on Data, Short on Intelligence," June, 5–6; "Navy Autonomy Thwarts Arms Control," Sept., 14–18; "Pentagon Banking on Castro Phobia," May, 4–5; "Red Herring in the Pacific," April, 6–7

Aspin, Les, "Unilateral Moves for Stability," Dec., 12–16

Balázs, Louis A.P., "OELs and NOEMs in the Sky," Nov., 53

Barnett, Roger, "U.S. Maritime Strategy: Sound and Safe," Sept., 30–33

Bartter, Martha, "Technostrategic Language," July-Aug., 62

Beard, James E., "Reactor Conversion Dangerous," Oct., 53–54

Bennett, Philip, "Sex, Power, and Nuclear Language," Sept., 61

Berney, Arthur L., "From Deadly to Lively Competition," March, 59

Bernstein, Barton J., "Churchill's Anthrax Bombs: A Debate," Nov., 42–45; "Churchill's Secret Biological Weapons," Jan.-Feb., 46–50

Birnbaum, Norman, review of Dean, *Watershed in Europe,* Dec., 42–43

Blacker, Coit D., review of McGwire, *Military Objectives in Soviet Foreign Policy,* July-Aug., 55–57

Blackitt, Robert, "RBMK Safety," April, 52

Blechman, Barry, review of Lebow, *Nuclear Crisis Management: A Dangerous Illusion,* Sept., 55–56

Boardman, Donnell, "Technostrategic Language," July-Aug., 61–62

Borawski, John, "U.S.-Soviet Move toward Risk Reduction," July-Aug., 16–18

Boutwell, Jeffrey, review of Velikhov, Sagdeyev, and Kokoshin, *Weaponry in Space: The Dilemma of Security,* Sept., 54–55

Boyer, Paul, review of Harbutt, *The Iron Curtain,* May, 47–50

Braden, Kathleen, review of Brandt, *Arms and Hunger,* March, 54–56

Breyman, Steven J., review of Daalder, *The SDI Challenge to Europe,* Nov., 49–50

Brown, Harrison, "Draw the Line at Star Wars," Jan.-Feb., 3

Brown, Lowell, "Secretary of Ethics?" March, 63

Brown, George E., Jr., "Pentagon Usurps Civilian Space Program," Nov., 26–31

Bruce, James T., "Holes in the Impenetrable Shield," Oct., 5–6

Brzoska, Michael, "Profiteering on the Iran-Iraq War," June, 42–45

Burcharth, Martin, "Danes Bristle at U.S. Radar Plans," June, 11–13

Byers, Bruce A., "Nuclear Taxonomy," Jan.-Feb., 57

Cain, Stephen Alexis, "Reagan's 1988 Military Budget," March, 50–52

Carr, Bob, "Report from Krasnoyarsk," Nov., 11–14

Catherwood, Hugh R., "Number One in Soybeans, Missiles," Oct., 53

Charles, Daniel, "NATO Looks for Arms Control Loopholes," Sept., 7–12

Clements, Kevin P., "New Zealand Paying for Nuclear Ban," July-Aug., 41–44; "New Zealand's Antinuclear Stand," March, 32–34

Cohen, Avner, "Israel's Nuclear Ambiguity," March, 15–19

Cohn, Carol, "Slick'ems, Glick'ems, Christmas Trees, and Cookie Cutters: Nuclear Language and How We Learned to Pat the Bomb," June, 17–24

Cracraft, James, "The Gorbachev Regime after Two Years," May, 31–33

Daalder, Ivo H., "A Tactical Defense Initiative for Western Europe?" May, 34–39

Dean, Jonathan, "Gorbachev's Arms Control Moves," June, 34–40

Downey, Thomas, "Report from Krasnoyarsk," Nov., 11–14

Drell, Sidney D., "Stop Early SDI Deployment," April, 3

Duffy, Gloria, "Study Finds Treaty Compliance," Oct., 30–32

Dumas, Lloyd, "Military Spending Debate: A Reponse," Jan.-Feb., 58

Epstein, William, "New Stance Tarnishes Canada's Reputation," Oct., 11–12; "Nuclear Testing: Illusion and Reality," April, 8

Evangelista, Matthew, "Exploiting the Soviet 'Threat' to Europe," Jan.-Feb., 14–18; "Sakharov and Gorky," April, 21

Falk, Richard, "An Opportunity to End the Arms Race," March, 28–31

Farley, Philip J., "How to Negotiate a Treaty," Oct., 33–36

Faulk, Stuart Roland, "Real Soviet Fears," April, 53

Ferry, Phyllis, "Pentagon Subsidizes *Bulletin*?" Nov., 54

Fetter, Steve, "Would a Test Ban Strengthen SDI?" Nov., 40–41

Fieldhouse, Richard, "Nuclear Weapons at Sea," Sept., 19–23

Flavin, Christopher, "Nuclear Power's Burdened Future," July-Aug., 26–31

Ford, Daniel, review of Carter et al., eds., *Managing Nuclear Operations,* Dec., 43–45

Frankel, Ben, "Israel's Nuclear Ambiguity," March, 15–19

Frankel, Sherman, "Moscow Meeting—The Glasnost Menagerie," May, 8–12

Galpern, Daniel, "Don't Rely on 'Navy's MX,'" Nov., 54

Garthoff, Raymond, "Refocusing the SDI Debate," Sept., 44–50

Gomez, Arttie Piar, "'Star Trek' Is Not Star Wars," April, 52–53

Gottlieb, Sanford, review of McNamara, *Blundering into Disaster,* March, 56–57

Graybeal, Sidney, "The Limitations of On-Site Inspection," Dec., 22–27

Greenhouse, Carol J., review of Mojtabai, *Blessed Assurance,* April, 47–48

Griffiths, Franklin, "'New Thinking' in the Kremlin," April, 20–24

Griswold, Arthur R., "Fix Nuclear Power," Nov., 54

Handler, Joshua, "Waging Submarine Warfare," Sept., 40–43

Hanson, Philip, "Soviet Industrial Espionage," April, 25–29

Hardenbergh, Chalmers, "The Other Negotiations," March, 48–49; Sept., 52–53

Hartung, William, "Nations Vie for Arms Markets," Dec., 28–35; "The Reagan Revival of Arms Deals," July-Aug., 20–25

Harwell, Christine C., "Updating the 'Nuclear Winter' Debate," Oct., 42–44

Harwell, Mark A., "Updating the 'Nuclear Winter' Debate," Oct., 42–44

Hawkes, Glenn, "Sex, Power, and Nuclear Language," Sept., 59–60

Herken, Gregg, "The Earthly Origins of Star Wars," Oct., 20–28

Hiatt, Howard, "Health Care Bites the Bullet," June, 7–8

Hoenig, Milton, "Energy Department Blurs Line between Civilian, Military Reactors," June, 25–27

Holdren, John P., "Harrison Brown 1917–1986," March, 3–8

Hostetter, Robert, review of Brians, *Nuclear Holocausts: Atomic War in Fiction, 1895–1984* and Dowling, *Fictions of Nuclear Disaster,* Dec., 45–46

Hugenberger, Scott, "Persuading Scientists," Jan.-Feb., 59

Hui, Dou, "A Skeptical Look at Initiatives," March, 35

Hune, Shirley, review of David, *Third World Coups d'Etat and International Security* and Thornton, *The Challenge to U.S. Policy in the Third World,* Nov., 47–49

Ibser, H.W., "Yield, Not Power," Oct., 54

Isaacs, John, "Arms Control in the New Congress," Jan.-Feb., 4–5; "Congress Tries Again on Arms Control," June, 3–4; "The Fall and Rise of Les Aspin," April, 4–5; "Senate Infighting on Treaty," Nov., 3–4; "Senate Minority Could Imperil Treaty," Sept., 5–6

Jervis, Robert, review of Sherry, *The Rise of American Airpower,* Oct., 51–52

Jones, David R., review of Gervasi, *The Myth of Soviet Military Supremacy,* June, 51–52

Jones, R.V., "Churchill's Anthrax Bombs: A Debate," Nov., 42–45

Joravsky, David, review of Dibb, *The Soviet Union: The Incomplete Superpower,* March, 53–54

Josephson, Paul R., "Early Years of Soviet Nuclear Physics," Dec., 36–38

Kalven, Jamie, "Excluding the Most Excludable," July-Aug., 60; "U.S. Visa Policy: The Machinery of Exclusion," May, 21–30

Kelly, Grahame, "Old-Fashioned Wisdom," Sept., 58

Kennet, Wayland, "British Party Politics and Nuclear Weapons," March, 60–61

Kimura, Motoharu, "Reflections of a Japanese Physicist," Nov., 7–10

Krepon, Michael, "CIA, DIA at Odds over Soviet Threat," May, 6–7; "High Stakes in INF Verification," June, 14–16; "INF Agreement in Principle," Nov., 5–6; "The Iran/Arms Control Con-

nection," March, 9–10; "The Limitations of On-Site Inspection," Dec., 22–27; "Rocky Road to INF Accord," Sept., 3–4; "The Surprise Defense Initiative," July-Aug., 5–6
Krieger, David, "Nuclear Terrorist States," March, 62
Lamb, John M., "Roiling the Arms Control Waters," Oct., 17–19
Lampman, Steve, "Protecting Missiles with SDI," May, 54
Larson, Jeffrey, "The Daniloff Case," March, 64
Leaning, Jennifer, "Star Wars Revives Civil Defense," May, 42–46
Lebow, Richard N., "The Dangers of Quick Launch," Nov., 36–39
Levin, Carl, "Administration Wrong on ABM Treaty," April, 30–33
Loeb, Benjamin S., "Amend the Constitution's Treaty Clause," Oct., 38–41; "Make the Partial Test Ban Comprehensive," May, 3
Longstreth, Thomas K., "Latest ABM Ploy—Old is New," Dec., 3–4
Malyshkin, Alexander, "A Soviet Expert Discusses Chernobyl," July-Aug., 32–34
Manley, Don, "Sex, Power, and Nuclear Language," Sept., 61
Manley, John, "Return Technology to Human Hands," Dec., 7–8
Marsh, Gerald, "Aiming at Empty Silos," July-Aug., 61; "Dangers of Limited SDI," March, 13–14; "Don't Rely on 'Navy's MX,'" Nov., 54; "Protecting Missiles with SDI," May, 54–55; "Skirting Human Error: The Navy's Missile Launch System," Jan.-Feb., 38
Marshak, Robert E., "Time for Sakharov's Global Dialogue," Oct., 7–8
McGwire, Michael, "The Changing Role of the Soviet Navy," Sept., 34–39
Messer, Robert L., review of Rhodes, *The Making of the Atomic Bomb,* Nov., 46–47
Milliken, Robert, "Australia's Nuclear Graveyard," April, 38–44
Moody, Jim, "Report from Krasnoyarsk," Nov., 11–14
Morel, Benoit, "ATBM—A Solution in Search of a Problem," May, 39–41
Morland, Howard, "Arms Control Matters," March, 61
Morrison, Roy, review of Hart and Lind, *America Can Win: The Case for Military Reform,* Oct., 49–51
Myers, Norman, "Linking Environment and Security," June, 46–47; review of Saunders, *Population Growth in Latin America and U.S. National Security* and Westing, *Global Resources and International Conflicts,* May, 52–53
Nathanson, Stephen, review of Nye, *Nuclear Ethics,* Jan.-Feb., 53–54
Norris, Robert S., "Nuclear Notebook," May, 56–57; June, 55–56; July-Aug., 62–63; Sept., 62–63; Oct., 55–56; Nov., 55–56; Dec., 51–52
O'Connell, Mary, review of Winner, *The Whale and the Reactor,* March, 57–58
Owen, John, "Stop Testing Now," March, 60
Parrot, Bruce, "The Soviet Debate on Missile Defense," April, 9–12
Patterson, E.F., "Origins of the Cold War," July-Aug., 62
Perlo, Victor, "Excluding the Most Excludable," July-Aug., 59–60
Perrow, Charles, review of Morone and Woodhouse, *Averting Catastrophe,* April, 48–50
Perry, Edward C., "Timerbaev and McCloy-Zorin," April, 51
Pessen, Edward, "Baruch's Ploy," May, 55
Posen, Barry, "U.S. Maritime Strategy: A Dangerous Game," Sept., 24–28
Rao, R.V.R. Chandrasekhara, "India, Pakistan Racing to Be Last," Nov., 32–34
Risse-Kappen, Thomas, "Star Wars Controversy in West Germany," July-Aug., 50–52; review of Senghaas, *Die Zukunft Europas,* May, 50–52
Rosenberg, Barbara Hatch, "Updating the Biological Weapons Ban," Jan.-Feb., 40–43
Rosenberg, David Alan, "U.S. Nuclear Strategy: Theory vs. Practice," March, 20–27
Roy-Chaudhury, Rahul, "Aiming at Empty Silos," July-Aug., 60–61
Rubin, James P., "The Superpower Dispute Over Radars," April, 34–37
Salzman, Jason, "The Genesis of New Zealand's Ban," July-Aug., 45–48
Schjøtt, Frits, "Felicitous Formulation," Dec., 49
Seaborg, Glenn T., "Make the Partial Test Ban Comprehensive," May, 3
Senghaas, Dieter, "Dismantle Offense, Strengthen Defense," Dec., 9–11
Shallhorn, Steve, "Standing Up to the United States," Oct., 16–17
Shanebrook, J. Richard., "Endless Nuclear Weapons," March, 63–64
Sharp, Jane M.O., "NATO's Security Dilemma," March, 42–44
Sherry, Michael S., "Was 1945 a Break in History?" July-Aug., 12–15
Shulman, Marshall, "Four Decades of Irrationality: U.S.-Soviet Relations," Nov., 15–25
Sigal, Leon V., "Getting Over the Summit," Jan.-Feb., 12–13; "INF Deal Faces Conservative Opposition," May, 14–16; "Signs of a Soviet Shift," Dec., 17–20
Simmons, Michael, review of Horne, *Black and Red,* Sept., 56–57
Simpson, Jeffrey, "Canada Roused by Military Plan," Oct., 9–10
Smith, Blackwell, "Priorities in a Military Culture," June, 9–10
Smith, Jeff, "Reagan, Star Wars, and American Culture," Jan.-Feb., 19–25; "Star Trek/Star Wars Connection," July-Aug., 60
Sobel, Michael, "Protecting Missiles with SDI," May, 54
Sokolsky, Joel J., "The Case for the New Policy," Oct., 13–16
Spector, Leonard S., "Nuclear Proliferation: Who's Next?" May, 17–20; "Pakistani Smuggling Riles Congress," Oct., 3–4
Stauffer, James, "Calculations vs. Principles," Nov., 52
Stephenson, Michael, "Sex, Power, and Nuclear Language," Sept., 58–59
Sternglass, Ernest J., "Ground-Based SDI," March, 62–63
Stremmel, William J., "Military Spending Debate," Jan.-Feb., 57–58
Stubbs, Eric, "Soviet Strategic Defense Technology, April, 14–19
Subramanyam, K., "Eradicate the Nuclear Cult," March, 36–39
Sweet, William, "Radar and Star Wars," April, 52; "Scientists Shoot Down Star Wars," July-Aug., 7–9
Taylor, Theodore, review of Sharp, *Making Europe Unconquerable,* Jan.-Feb., 54–56
Tewksbury, Peter, "Sex, Power, and Nuclear Language," Sept., 60
Thomas, Claire Sherman, "Amend Treaty Termination," Dec., 49–50; "Sex, Power, and Nuclear Language," Sept., 60–61
Timerbaev, Roland M., "A Soviet Official on Verification," Jan.-Feb., 8–10; "Timerbaev and McCloy-Zorin," April, 51–52
Tschudin, Patrik, "Swiss Militarism," June, 53–54
Tsipis, Kosta, "The Uncommon Ground of Security Debate," July-Aug., 10–11
Tumarkin, Nina, review of Doder, *Shadows and Whispers,* July-Aug., 57–58
Turner, Paul, "Chernobyl Containment," March, 64
Utroska, Daniel, "Holes in the U.S. Nuclear Safety Net," July-Aug., 36–40
Van Evera, Stephen, review of Blumenthal, *The Rise of the Counter-Establishment,* April, 45–47
Vayrynen, Raimo, "Minimum Deterrence, Mutual Security," March, 45–47
Voge, Hervey, "Bulletin Policy," March, 59–60
Von Hippel, Frank, "A U.S. Scientist Addresses Gorbachev," May, 12–13
Walker, Paul F., review of Freedman, *The Price of Peace,* Jan.-Feb., 56
Waller, Douglas C., "Holes in the Impenetrable Shield," Oct., 5–6
Walt, Stephen, "Politicians and Professors: A Double Standard," July-Aug., 3–4
Warshawsky, Irving, "Ethics in Academia," Oct., 54
Weisskopf, Victor, "The Task for a New Peace Movement," Jan.-Feb., 26–32
Wiesen, David, "Stocking Up for the Big Rerun," July-Aug., 59
Williams, Roger, "The Decline of the British Science Empire," Oct., 45–48
Winsor, Roswitha, "Star Wars Ruse," Jan.-Feb., 59
Wright, Susan, "New Designs for Biological Weapons," Jan.-Feb., 43–46
Yemelyanov, Vasily S., "The Making of the Soviet Bomb," Dec., 39–41
Young, Elizabeth, "Dispel Conventional Myths," Dec., 49
Youngdale, James M., "Star Wars Culture," March, 61–62
Zimmerman, Peter D., "Let SPOT Run," Nov., 51

Books

Blumenthal, Sidney, *The Rise of the Counter-Establishment: From Conservative Ideology to Political Power,* reviewed by Stephen Van Evera, April, 45–47
Brandt, Willy, *Arms and Hunger,* reviewed by Kathleen Braden, March, 54–56
Brians, Paul, *Nuclear Holocausts: Atomic War in Fiction, 1895–1984,* reviewed by Robert Hostetter, Dec., 45–46
Carter, Ashton, John Steinbruner, and Charles Zraket, eds., *Managing Nuclear Operations,* reviewed by Daniel F. Ford, Dec., 43–45
Connell, Jon, *The New Maginot Line,* reviewed by Gordon Adams, June, 48–51
Daalder, Ivo, *The SDI Challenge to Europe,* reviewed by Steven J. Breyman, Nov., 49–50
David, Steven R., *Third World Coups d'Etat and International Security,* reviewed by Shirley Hune, Nov., 47–49
Dean, Jonathan, *Watershed in Europe: Dismantling the East-West Military Confrontation,* reviewed by Norman Birnbaum, Dec., 42–43
Dibb, Paul, *The Soviet Union: The Incomplete Superpower,* reviewed by David Joravsky, March, 53–54
Doder, Dusko, *Shadows and Whispers: Power Politics Inside the Kremlin,* reviewed by Nina

Tumarkin, July-Aug., 57–58
Dowling, David, *Fictions of Nuclear Disaster,* reviewed by Robert Hostetter, Dec., 45–46
Ferrari, Paul L., Jeffrey W. Knopf, and Raúl L. Madrid, *U.S. Arms Exports: Policies and Contractors,* book note, July-Aug., 58
Flanagan, Stephen, and Fen Osler Hampson, eds., *Securing Europe's Future,* book note, Oct., 52
Freedman, Lawrence, *The Price of Peace: Living with the Nuclear Dilemma,* reviewed by Paul F. Walker, Jan.-Feb., 56
Gervasi, Tom, *The Myth of Soviet Military Supremacy,* reviewed by David R. Jones, June, 51–52
Green, William, *Soviet Nuclear Weapons Policy: A Research and Bibliographic Guide,* book note, Nov., 50
Hacker, Barton C., *The Dragon's Tail: Radiation Safety in the Manhattan Project, 1942–1946,* reviewed by Robert Alvarez, Dec., 46–48
Halloran, Richard, *To Arm a Nation,* reviewed by Gordon Adams, June, 48–51
Halperin, Morton H., *Nuclear Fallacy: Dispelling the Myth of Nuclear Strategy,* reviewed by Len Ackland, July-Aug., 54–55
Harbutt, Fraser J., *The Iron Curtain: Churchill, America, and the Origins of the Cold War,* reviewed by Paul Boyer, April, 47–49
Hart, Gary, with William S. Lind, *America Can Win: The Case for Military Reform,* reviewed by Roy Morrison, Oct., 49–51
Horne, Gerald, *Black and Red: W.E.B. Du Bois and the Afro-American Response to the Cold War, 1944–1966,* reviewed by Michael Simmons, Sept., 56–57
Lebow, Richard, *Nuclear Crisis Management: A Dangerous Illusion,* reviewed by Barry Blechman, Sept., 55–56
Leventhal, Paul, and Yonah Alexander, eds., *Nuclear Terrorism: Defining the Threat,* book note, April, 50
Lightman, Alan, *A Modern Day Yankee in a Connecticut Court,* book note, July-Aug., 58
McGwire, Michael, *Military Objectives in Soviet Foreign Policy,* reviewed by Coit Blacker, July-Aug., 55–57
McNamara, Robert S., *Blundering into Disaster: Surviving the First Century of the Nuclear Age,* reviewed by Sanford Gottlieb, March, 56–57
Mojtabai, A.G., *Blessed Assurance: At Home with the Bomb in Amarillo, Texas,* reviewed by Carol J. Greenhouse, April, 47–48
Morone, Joseph G., and Edward J. Woodhouse, *Averting Catastrophe: Strategies for Regulating Risky Technologies,* reviewed by Charles Perrow, April, 48–50
Nye, Joseph, Jr., *Nuclear Ethics,* reviewed by Melvyn Nathanson, Jan.-Feb., 53–54
Pugwash, Canadian Student, *Science and Society: A Directory to Information Sources, Volume 1, Defence and Arms Control,* book note, July-Aug., 58
Rhodes, Richard, *The Making of the Atomic Bomb,* reviewed by Robert L. Messer, Nov., 46–47
Saunders, John., ed., *Population Growth in Latin America and U.S. National Security,* reviewed by Norman Myers, May, 52–53
Semler, Eric, James Benjamin, and Adam Cross, *The Language of Nuclear War: An Intelligent Citizen's Dictionary,* book note, June, 52
Senghaas, Dieter, *Die Zukunft Europas,* reviewed by Thomas Risse-Kappen, May, 50–52
Sharp, Gene, *Making Europe Unconquerable: The Potential of Civilian-Based Deterrence and Defense,* reviewed by Theodore Taylor, Jan.-Feb., 54–56
Sherry, Michael, *The Rise of American Airpower: The Creation of Armageddon,* reviewed by Robert Jervis, Oct., 51–52
Stefanick, Tom, *Strategic Antisubmarine Warfare and Naval Strategy,* book note, Nov., 50
Stubbing, Richard A., and Richard A. Mendell, *The Defense Game,* reviewed by Gordon Adams, June, 48–51
Technology Assessment, Office of, *Strategic Defenses,* book note, Sept., 57
Thornton, Thomas Perry, *The Challenge to U.S. Policy in the Third World,* reviewed by Shirley Hune, Nov., 47–49
Velikhov, Yevgeni, Roald Sagdeyev, and Andrei Kokoshin, *Weaponry in Space: The Dilemma of Security,* reviewed by Jeffrey Boutwell, Sept., 54–55
Westing, Arthur H., ed., *Global Resources and International Conflict,* reviewed by Norman Myers, May, 52–53
White, Ralph K., *Psychology and the Prevention of Nuclear War,* book note, April, 50
Winner, Langdon, *The Whale and the Reactor: A Search for Limits in an Age of High Technology,* reviewed by Mary O'Connell, March, 57–58
Wright, Barton, *World Weapon Database Volume I: Soviet Missiles,* book note, April, 50

Subjects

ABM Treaty: latest ploy, Dec., 3–4; reinterpretation, April, 2, 3, 30–33; withdrawal from, July-Aug., 5–6
Aircraft: U.S. and Soviet nuclear-capable, Nov., 56
Air force: support for maritime operations, Nov., 55
American Physical Society: report on SDI, July-Aug., 7–9
Antitactical missile defenses: exploit Soviet "threat," Jan.-Feb., 14–18; in Europe, May, 34–41
Arms control: and Canadian military plan, Oct., 17–19; Congress and, Jan.-Feb., 4–5, June, 3–4; Gorbachev's moves, June, 34–40; Iran connection, March, 9–10; limitations of on-site inspection, Dec. 22–26; matters, March, 61; NATO looks for loopholes, Sept., 7–12; navy thwarts, Sept., 14–18; opportunity to end arms race, March, 28–31, May, 55; opposition to INF deal, May, 14–16; other negotiations, March, 48–49, Sept., 52–53; prospects after summit, Jan.-Feb., 12–13; skeptical look at initiatives, March, 35–36. *See also* INF
Arms sales: global, Dec., 27–35; profiteering on Iran-Iraq war, June, 42–45; Reagan revival of, July-Aug., 20–25
Aspin, Les: fall and rise of, April, 4–5
Atomic bomb, Soviet: Dec., 39–41
Atomic bombings: break in history? July-Aug., 12–15; reflections of Japanese physicist, Nov., 7–10
Australia: nuclear testing in, April, 38–44
Author guidelines: Jan.-Feb., 60, June, 54
Biological weapons: Churchill's secret, Jan.-Feb., 46–50, Nov., 42–45; new designs for, Jan.-Feb., 43–46; updating ban on, Jan.-Feb., 40–43
Britain: decline of science empire, Oct., 45–48; nuclear testing in Australia, April, 38–44; nuclear weapons, Dec., 52; politics and nuclear weapons, March, 60–61
Brown, Harrison: in memoriam, March, 3–8
Budget: 1988 military, March, 50–52
Bulletin: wins top award, June, 2
Canada: new military plan, Oct., 9–19
Chernobyl: containment, March, 64; effect on nuclear power future, July-Aug., 26–31; RBMK safety, April, 52; Soviet expert discusses, July-Aug., 32–34
China: nuclear weapons, Dec., 52
Civil defense: Star Wars revives, May, 42–46
Cold War: four decades of irrationality, Nov., 15–25; origins of, July-Aug., 62
Compliance: report from Krasnoyarsk, Nov., 11–14; with treaties, Oct., 30–32
Confidence-building measures: dismantle offense, strengthen defense, Dec., 9–11; U.S.-Soviet move toward risk reduction, July-Aug., 16–18
Congress: aid to Pakistan, Oct., 3–4; arms control and, Jan.-Feb., 4–5, June, 3–4; fall and rise of Les Aspin, April, 4–5; infighting on INF, Nov., 3–4; Senate minority could imperil treaty, Sept., 5–6
Constitution: amend treaty clause, Oct., 38–41; amend treaty termination, Dec., 49
Conventional forces: dismantle offense, strengthen defense, Dec., 9–11; moves for stability, Dec., 12–15; negotiations on, March, 48–49, Sept., 52–53; signs of Soviet shift, Dec., 16–20
Conventional war: U.S. preparations for, Jan.-Feb., 6–7, May, 4–5, July-Aug., 59
Cruise missiles: GLCM named, Sept., 62; Tomahawk basing, Dec., 51; trouble with Tomahawk, July-Aug., 63
Cuba: Pentagon banking on Castro phobia, May, 4–5
Daniloff case: March, 64
Denmark: bristles at U.S. radar plans, June, 11–13
Disarmament: Hamburg proposals, Jan.-Feb., 52; New Delhi Declaration, March, 36–39; Soviet Union and McCloy-Zorin, April, 51–52. *See also* Arms control
Environment: and security, June, 46–47
Espionage: Soviet industrial, April, 25–29
Ethics: in academia, Oct., 54; calculations vs. principles, Nov., 52; double standard for politicians, professors, July-Aug., 3–4; secretary of? March, 63
Europe: antitactical missile defenses, Jan.-Feb., 14–18, May, 34–41; conventional arms negotiations, March, 48–49, Sept., 52–53; dismantle offense, strengthen defense, Dec., 9–11; flexible response doctrine, Dec., 5–6; NATO looks for arms control loopholes, Sept., 7–12; NATO's security dilemma, March, 42–44; new bomber for, June, 55; security dilemma, March, 42–44; Soviet conventional force shift, Dec., 16–20; unilateral moves for stability, Dec., 12–15
Fissile materials: producing with civilian reactor, June, 25–27, Oct., 53–54
Flexible response: happy birthday, Dec., 5–6
France: new Mirages on horizon, July-Aug., 63; nuclear weapons, Dec., 52
Genetic engineering: and biological weapons, Jan.-Feb., 43–46
Gorbachev, Mikhail: after two years, May, 31–33; arms control moves, June, 34–40; reforms, April, 20–24, May, 8–12; U.S. scientist addresses, May, 12–13
Greece: balancing act, March, 11–12
Hamburg disarmament proposals: Jan.-Feb., 52
Health care: bites the bullet, June, 7–8
INF: agreement in principle, Nov., 5–6; expensive bargaining chips, Oct., 55; high stakes in verification, June, 14–16; much ado about zero, Sept., 2; NATO looks for arms control loopholes, Sept., 7–12; opposition to treaty, May,

14–16, Sept., 3–4, 5–6; Senate infighting on, Nov., 3–4
India: racing Pakistan to be last, Nov., 32–34
Intelligence: CIA, DIA at odds over Soviet threat, May, 6–7; short on interpretation, June, 5–6, Nov., 51
Iran: arms control connection, March, 9–10
Iran-Iraq war: credibility gulf, July-Aug., 2; profiteering on, June, 42–45
Israel: nuclear weapons policy, March, 15–19
Language, strategic: dispel conventional myths, Dec., 49–50; how we learned to pat the bomb, June, 17–24, July-Aug., 61–62, Sept., 58–61, Nov., 52, Dec., 49; nuclear taxonomy, Jan.-Feb., 57
Libya: nuclear threat to, June, 55
Maritime strategy, U.S.: Sept., 14–33, 40–43. *See also* Navy, U.S.
Military culture: priorities in, June, 9–10
Military spending: 1988 budget, March, 50–52; debate on, Jan.-Feb., 57–58
Minimum deterrence: mutual security, March, 45–47
Mirage: new bomber, July-Aug., 63
Missiles: expensive bargaining chips, Oct., 55; last of Titans, Sept., 62; launch observations, Dec., 52; manufacturing of, Oct., 55; new ICBM capability, June, 55; naval launch procedures, Jan.-Feb., 38; small ICBM warhead design, Sept., 62; Tomahawk basing, Dec., 52; Trident II testing, Dec., 52. *See also* Weapons watch
Navy, Soviet: changing role, Sept., 34–39; update, Sept., 62
Navy, U.S.: Earle Naval Weapons Station, Oct., 55; Hermes basing, Nov. 55; maritime strategy dangerous, Sept., 24–28; maritime strategy safe, Sept., 30–33; missile-launch procedures, Jan.-Feb., 38; thwarts arms control, Sept., 14–18; waging submarine warfare, Sept., 40–43
New Delhi Declaration: March, 36–39
New Zealand: antinuclear stand, March, 32–34, July-Aug., 41–44, 45–48
Nuclear physics, Soviet: early years, Dec., 36–38; making of bomb, Dec., 39–41
Nuclear notebook tables: British, French, Chinese nuclear weapons, Dec., 52; explosive power of the U.S. nuclear weapons stockpile, July-Aug., 64; nuclear-capable ships and submarines, Sept., 63; nuclear weapons at sea, Sept., 63; U.S. and Soviet nuclear-capable aircraft, Nov., 56; U.S. and Soviet nuclear weapons under development, Oct., 56; U.S. nuclear weapons stockpile, June, 56; U.S. and Soviet strategic nuclear forces, 1980–1986, May, 57
Nuclear power: burdened future, July-Aug., 26–31; Chernobyl containment, March, 64; civilian reactor conversion plans, June, 25–27, Oct., 53–54; holes in U.S. safety net, July-Aug., 36–40; make effective, Nov., 54; RBMK safety, April, 52
Nuclear weapons: at sea, Sept., 19–23, 63; British, French, and Chinese, Dec., 52; explosive yield of U.S. stockpile, July-Aug., 64, Oct., 54; new designs, March, 63–64; under development, Oct., 56; U.S. and Soviet aircraft, Nov., 56; U.S. stockpile, June, 56. *See also* Missiles; Strategy, nuclear
Nuclear weapons personnel: instability in, Jan.-Feb., 34–39
Nuclear winter: updating debate, Oct., 42–44
On-site inspection: limitations of, Dec., 22–26
Pacific: red herring in, April, 6–7
Pakistan: bomb-making capacity, June, 30–33; racing India to be last, Nov., 32–34; smuggling riles Congress, Oct., 3–4
Peace movement: reflections of Japanese physicist, Nov., 7–10; task for, Jan.-Feb., 26–32
Priorities: health care bites the bullet, June, 7–8; in a military culture, June, 9–10; number one in soybeans, missiles, Oct., 53; old-fashioned wisdom, Sept., 58; Pentagon usurps civilian space program, Nov., 26–31; return technology to human hands, Dec., 7–8
Proliferation: India, Pakistan racing to be last, Nov., 32–34; Israel's nuclear ambiguity, March, 15–19; Pakistan's bomb-making capacity, June, 30–33; Pakistani smuggling riles Congress, Oct., 3–4; who's next? May, 17–20
Quick launch: dangers of, Nov., 36–39
Radars: Danes bristle at U.S. plans, June, 11–13; report from Krasnoyarsk, Nov., 11–14; superpower dispute over, April, 34–37
Reagan, Ronald: 1988 military budget, March, 50–52; and origins of Star Wars, Oct., 20–28; revival of arms deals, July-Aug., 20–25; and Star Wars and American culture, Jan.-Feb., 19–25, March, 61–62
REDCOM: defense of continental U.S., Jan.-Feb., 6–7
Ryabev, Lev D.: head of Soviet weapons agency, July-Aug., 63
Sakharov, Andrei: and Gorky, April, 21; meeting with, May, 8–12; time for global dialogue, Oct., 7–8
SALT II: abandoned, Jan.-Feb., 2
Satellites: interpretation of data, June, 5–6, Nov., 51
Scientists: decline in Britain, Oct., 45–48; early years of Soviet nuclear physics, Dec., 36–38; making of Soviet bomb, Dec., 39–41; persuading, Jan.-Feb., 59; reflections of Japanese physicist, Nov., 7–10; shoot down Star Wars, July-Aug., 7–9; U.S. scientist addresses Gorbachev, May, 12–13
Security debate: premises of, July-Aug., 10–11. *See also* Priorities
SIOP: revisited, June, 55
Soviet Union: changing role of navy, Sept., 34–39; conventional force shift, Dec., 16–20; debate on missile defense, April, 9–12; early years of nuclear physics, Dec., 36–38; expert discusses Chernobyl, July-Aug., 32–34; fears, April, 53; Gorbachev's arms control moves, June, 34–40; industrial espionage, April, 25–29; Krasnoyarsk radar, Nov., 11–14; making of atom bomb, Dec., 39–41; Moscow meeting, May, 8–13; naval nuclear strategy, Sept., 19–23; navy update, Sept., 62; new head of weapons agency, July-Aug., 63; "new thinking," April, 20–24; reactor safety, April, 51–52; strategic defense technology, April, 14–19; "threat" to Europe, Jan.-Feb., 14–18; view of verification, Jan.-Feb., 8–10, April, 51–52
Space: Pentagon usurps civilian program, Nov., 26–31
SRAM II: June, 55; warhead designs, Sept., 62
Star Wars: controversy in West Germany, July-Aug., 50–52; countering Soviet, Nov., 55; dangers of limited SDI, March, 13–14, May, 54, July-Aug., 60–61, Nov., 54; earthly origins of, Oct., 20–28; European, May, 34–41; ground-based SDI, March, 62–63; holes in impenetrable shield, Oct., 5–6; latest ABM ploy, Dec., 3–4; OELs and NOEMs in the sky, Nov., 53; radar and, April, 52; Reagan, American culture, and, Jan.-Feb., 19–25, March, 61–62; refocusing debate, Sept., 44–50; resist president on, Jan.-Feb., 3; revives civil defense, May, 42–46; ruse, Jan.-Feb., 59; scientists shoot down, July-Aug., 7–9; Soviet debate on, April, 9–12; Soviet technology, April, 14–19; and Star Trek, April, 52–53, July-Aug., 60; stop early deployment, April, 3; surprise defense initiative, July-Aug., 5–6; would test ban strengthen? Nov., 40–41
Strategy, conventional: naval, Sept., 19–43; in Pacific, April, 6–7. *See also* Conventional forces
Strategy, nuclear: aiming at empty silos, July-Aug., 60–61; dangers of limited SDI, March, 13–14, May, 54; dangers of quick launch, Nov., 36–39; don't rely on Trident, Nov., 54; flexible response, Dec., 5–6; theory vs. practice, March, 20–27
Submarines: Canadian plan to acquire, Oct., 9–19; warfare, Sept., 40–43
Summit, Reykjavik: results of, Jan.-Feb., 12–13, March, 40–41, 45–47, 59
Superpowers: arms race at sea, Sept., 13–43; dispute over radars, April, 34–37; four decades of irrationality, Nov., 15–25; international views of, March, 28–47; move toward risk reduction, July-Aug., 16–18; nuclear weapons at sea, Sept., 63; nuclear weapons under development, Oct., 56; refocusing SDI debate, Sept., 44–50. *See also* Summit, Reykjavik; INF
Switzerland: militarism, June, 53–54
Technology: return to human hands, Dec., 7–8
Terrorism: nuclear, March, 62
Testing, nuclear: in Australia, April, 38–34; illusion and reality, April, 8; make partial ban comprehensive, May, 3; making bombs without, June, 32; names of U.S. tests, Nov., 55; and SDI, Nov., 40–41; secret U.S. monitoring, July-Aug., 63; stop now, March, 60
Treaties: amend ratification clause, Oct., 38–41; amend termination, Dec., 49; negotiating, Oct., 33–36; study finds compliance, Oct., 30–32. *See also* ABM Treaty; INF; SALT II
Trident II: testing, Dec., 52
U.S.-Soviet relations: four decades of irrationality, Nov., 15–25. *See also* Superpowers; Arms control
Verification: high stakes in INF, June, 14–16; limitations of on-site inspection, Dec., 22–26; report from Krasnoyarsk, Nov., 11–14; a Soviet official on, Jan.-Feb., 8–10, April, 51–52
Visa policy, U.S.: machinery of exclusion, May, 21–30, July-Aug., 59–60
Weapons watch: June, 55, Sept., 62, Oct., 55, Nov., 55, Dec., 52
West Germany: Star Wars controversy, July-Aug., 50–52
World War II: 1945 a break in history? July-Aug., 12–15; Churchill's biological weapons, Jan.-Feb., 46–50, Nov., 42–45; radar and Star Wars, April, 52; reflections of Japanese physicist, Nov., 7–10

Szabo, United States